

## EAST Search History

S31	3119	(multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:39
S32	1103	S31 and divid\$3 and interface and controll\$3 and multicast\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:40
S33	86	S32 and (three adj layers)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:40
S34	78	S33 and characterist\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:40
S35	2	S34 and 709/220.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:41
S36	2999	709/220.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:41
S37	6995	709/224.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:42
S38	2234	709/231.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:42
S39	6908	709/223.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:42
S40	13626	709/223	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:42
S41	0	709/2200	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:42
S42	6410	709/220	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:43
S43	145	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:43
S44	54	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy and (data adj link)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:43

## EAST Search History

S45	54	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy and (data adj link) and management and set\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:44
S46	48	S45 and correspond\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:44
S47	12	S45 and correspond\$3 and establish\$3 and data and relationship	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:44
S48	0	S47 and block and control	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:45
S49	11	S47 and block	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:45
S50	1	S49 and judge\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:45
S51	0	2004/0059803	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S52	63	IFNET	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S53	0	"10628878"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S54	0	(2004/0059803).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/01/10 13:15
S55	96	multicasting adj(group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S56	0	multicasting adj(characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S57	116781	multilayer or multi-layer adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S58	4	multicasting adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S59	7	(multilayer or multi-layer) adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15

## EAST Search History

S60	0	multicasting adj proxy adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S61	1	"20020004827"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S62	6	multicasing and (characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S63	2041521	multicasing adj characteristic or characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S64	0	multicasing adj characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S65	4	multicasting adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S66	0	multicasting adj administrator	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S67	10	controlling adj multicasting	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S68	7	multicasting adj proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S69	16	(controlling or managing) adj multicasting	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S70	3460576	multicasting (group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S71	0	controlling adj multicasing adj characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S72	0	multicasing adj (characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S73	7	(multilayer or multi-layer)adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S74	1	"20050021802"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15

## EAST Search History

S75	145	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S76	2234	709/231.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S77	96	multicasting adj(group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S78	422	"huawei technologies".asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S79	1	S78 and S77	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S80	54	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy and (data adj link) and management and set\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S81	12	S80 and correspond\$3 and establish\$3 and data and relationship	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S82	11	S81 and block	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S83	48	S80 and correspond\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S84	3119	(multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S85	13626	709/223	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S86	1103	S84 and divid\$3 and interface and controll\$3 and multicast\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S87	4	"heng, zhi".inv.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S88	6410	709/220	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:20

## EAST Search History

S89	6	S78 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S90	6908	709/223.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S91	86	S86 and (three adj layers)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S92	78	S91 and characterist\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S93	2999	709/220.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S94	1	S82 and judg\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S95	6995	709/224.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S96	2	S92 and 709/220.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S97	54	709/220 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy and (data adj link)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S98	4	"heng, zhi".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S99	0	709/2200	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S10 0	0	S81 and block and contol	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:15
S10 1	1	"5963556".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 14:22
S10 2	1	"6185698".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 13:24
S10 3	2	"1111892".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 14:20

## EAST Search History

S10 4	1	"6684331".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 14:22
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## EAST Search History

S16	0	multicasing adj(characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:29
S17	6	multicasing and (characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:08
S18	1	"20020004827"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:17
S19	1	"20050021802"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:26
S20	3213042	multicasting (group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:20
S21	86	multicasting adj(group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:40
S22	7	controlling adj multicasting	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:44
S23	0	multicasting adj administrator	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:45
S24	4	multicasting adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 16:46
S25	4	"heng, zhi".inv.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:27
S26	4	"heng, zhi".in.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:27
S27	422	"huawei technologies".asn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:28
S28	96	multicasting adj(group or controlling)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:28
S29	1	S27 and S28	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:29
S30	6	S27 and (multi layer multi-layer) and user and manage\$4 and (multicast\$3 multi-cast\$3) and proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/10 11:31

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	53	IFNET	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 12:59
S2	0	"10628878"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 13:09
S3	0	2004/0059803	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 13:13
S4	0	(2004/0059803).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/02/01 13:14
S5	0	multicasting adj proxy adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 14:36
S6	7	multicasting adj proxy	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 14:37
S7	4	multicasting adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 14:38
S8	104286	multilayer or multi-layer adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 14:39
S9	6	(multilayer or multi-layer)adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 14:39
S10	6	(multilayer or multi-layer) adj management	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:22
S11	12	(controlling or managing) adj multicasting	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:28
S12	0	controlling adj multicasing adj characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:28
S13	0	multicasing adj characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:28
S14	1888345	multicasing adj characteristic or characteristics	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:29
S15	0	multicasing adj (characteristic or characteristics)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/01 15:29